

THE ANACONDA COMPANY

P. O. BOX 638, GRANTS, NEW MEXICO 87020

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SEP 19 1973

NEW MEXICO OPERATIONS
A. J. FITCH
MANAGER



U. S. Geological Survey
Carlsbad, N. M.

September 18, 1973

U. S. Geological Survey
P. O. Box 1716
Carlsbad, New Mexico 88220

Attention: Mr. R. S. Fulton, Area Mining Supervisor

Gentlemen:

We are herewith submitting for approval a mining plan covering a proposed underground operation to be known as "P-9-2 Adit Mine Project".

The site is located within the boundaries of "Lease 4" held by The Anaconda Company and granted by The Pueblo of Laguna and lies within Section 4, T. 10 N., R. 8 W.

This application is being made in order to conform with regulations as set forth in the Code of Federal Regulations, Title 30 - Mineral Resources, Geological Survey, Part 231.10 (c) and also Section 102 (2) (c) of the National Environmental Protection Act of 1969.

Description of Operation

The purpose of the proposed activity is to extract ore as a scam-type operation with three different adits being located within the confines of a small, mined out open pit known as the P-9-1. Adits 1 and 2 will be driven to the south and Adit 2 will afford access to the west of the P-9-1 area.

The located along the fringes of more concentrated ore zones, are weak and sporadic and as a consequence, are not attractive to extraction by open pit methods.

Indicated ore reserves are 58,000 tons although additional drilling prior to the commencement of Adits numbered 2 and 3 could add or subtract from that figure. It is expected that the life of the operation will be from 1 to 1½ years from the scheduled starting date, November 1, 1973.

Enclosed are 5 prints each of

- (1) Jackpile-Paguate P-9-2 Area, Orebody Map, Scale 1" = 50'
- (2) Jackpile-Paguate P-9-2 Area Orebody Map showing relationship between orebodies, the P-9-1 open pit, haul roads and surface contours, Scale 1" = 50'.

These maps show the underground plan, location of ventilation shafts, detail of the P-9-1 pit, existing haul roads, etc.

Mining Plans

Adit 1 will be driven approximately 900 feet at the level of "A" zone ore and through reserve blocks A-4-1, A-4-5 and A-4-6. Ore will be extracted by longwall methods, retreating from the end of the drift and toward the portal.

Adit 2 will be driven at a minus grade in order to reach the level of "B" zone ore. Ore blocks A-4-2, A-4-3 and A-4-4 will be developed and mined through short raises from the haulage level. Stopping will be by sub-level mining with slushers being utilized. Reserve blocks B-1-1 and B-2-1 will be mined by longwall.

Adit 3 will also be established at a minus grade so that the haulage drift will be approximately 20 feet below "B" zone ore. Sub-level mining through raises will be utilized.

In most instances mining will be accomplished by conventional drilling and blasting. Whenever possible drifting will be done by Alpine Miner, loaders and underground trucks. Ground support will be maintained by standard practices, viz: by utilizing rock bolts, netting, steel and/or timber sets, stulls and, possibly, cribbing. No surface subsidence is anticipated.

Surface Layout

All buildings such as: office, storage building, oil shed and the like will be of temporary nature and will be moved at the end of the operation. Power will be generated at the site by portable equipment.

Environmental Impact

No new roads will be required with the exception of one (access to ventilation shaft No. 1, approximately 200 feet long by 15 feet wide). Service to adits, etc. will be by the presently existing pit roads and ramps.

Two ventilation shafts are to be drilled during the mining operations with the location of each indicated on the accompanying maps. No. 2 vent shaft will be within present pit excavation so there will be no surface damage from that source and Number 1 will be bulkheaded and filled upon completion of the operation.

About 23,000 tons of waste are expected to be extracted and this material will be placed in the abandoned P-9-1 pit. Likewise, any mine water encountered will be impounded in that area.

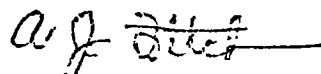
As stated previously there should not be any surface subsidence as ore bodies are expected to be sporadic and small. All mine openings will be sealed in accordance with regulations at the end of mining.

General

You will note that our scheduling for this project calls for commencement of the operation by November 1, 1973.

In view of the fact that adits, dumps and mine waters are to be confined within an existing, abandoned pit it is hoped that we can obtain approval to proceed with a minimum of delay. Your assistance in this regard will be greatly appreciated.

Very truly yours,



A. J. FITCH, Manager

AJF:hr
Enclosures